

Work Order ID 95666

95666

Page 1

January-16-13 11:06:40 AM

Item ID: D3315-3 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Wearplate
 Start Date: 1/16/13 Start Qty: 18.00 *18* Cust Item ID:
 Required Date: 1/25/13 Req'd Qty: 18.00 *18* Customer:
 Reference:

Approvals: Process Plan: W Date: Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|---|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr | Revision Nbr | | | | | | | | |
| D3315 | Rev B | | | | | | | | |
| 100 | | 0.00 | | | | | | | |
| *100* | FLOW WATER JET | | | | | | | | |
| Waterjet | Memo | 0.00 | | | | | | | |
| FLOW CNC Waterjet | 1-Cut as per Dwg D3315 Dwg Rev: <u>B</u> Prog Rev: <u>B</u> 2- Deburr if necessary | | | | | | | | |
| 100 - 003 | | | | | | | | | |
| 110 | QC2- Inspect parts off machine FAI/FAIB | 0.00 | | | | | | | |
| *110* | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |
| 120 | QC8- Inspect parts - second check | 0.00 | | | | | | | |
| *120* | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

DAS
15
13-1-18

18 BB-1-17
 18 BB-1-7
 18

Work Order ID 95666

January-16-13 11:06:40 AM

95666

Page 2

Item ID: D3315-3 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Wearplate
Start Date: 1/16/13 Start Qty: 18.00 ***18*** Cust Item ID:
Required Date: 1/25/13 Req'd Qty: 18.00 ***18*** Customer:
Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|---|---|----------------------|---------|---|--------------|---------------|---------------|------------------|------------------------------|
| 130 *130* Brake NC Brake NC | NC BRAKE Memo Form using DT8179 Die and DT8157 as per Dwg D3315 Rev: <i>B</i> | 0.00 0.00 | | | | <i>17</i> | | | <i>20</i> <i>13/01/20</i> |
| 140 *140* QC Quality Control | QC6- Inspect dimensions to drawing Memo | 0.00 0.00 | | <i>DA5</i> <i>15</i> <i>2-89</i> <i>B-1-21</i> | | <i>18</i> | | | |
| 150 *150* Large Fab Large Fab | Large Fab Memo Weld hard surface using D3315-3T3 as per QSI 004 and Dwg D3315 Rev: <i>B</i> Qty Part Number Description Batch A/R N/A 7560 Hardcoat Rod <i>M124434</i> → <i>228</i> | 0.00 0.00 | | | | <i>(18)</i> | <i>me</i> | <i>13-02-13</i> | |

Work Order ID 95666

January-16-13 11:06:40 AM

95666

Page 4

Item ID: D3315-3 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Wearplate
Start Date: 1/16/13 Start Qty: 18.00 ***18*** Cust Item ID:
Required Date: 1/25/13 Req'd Qty: 18.00 ***18*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|---|--|----------------------|---------|--------|--------------|---------------|---------------|------------------|-----------------------|
| 190 *190* QC Quality Control | QC3- Inspect Part Finish Memo | 0.00 0.00 | | | | 18 | | | |
| 200 *200* Packaging Packaging | Packaging Memo Identify on inside surface using a permanent fine point marker with the following: TCCA-PDA, Dart Aerospace Ltd. P/N: D3315-3, B/N: BXXXXX For Product Eligibility see PDA04-17 and Stock Location: | 0.00 0.00 | | | | 18x | | | SP 13-2-20 |
| 210 *210* QC Quality Control | QC21- Final Inspection - Work Order Release Memo | 0.00 0.00 | | | | | | | 13/2/20 11/3-02-20 |

Picklist Print

January-16-13 11:06:40 AM

Page 1

Work Order ID: 95666

Parent Item: D3315-3

Parent Item Name: Wearplate

Start Date: 1/16/13

Required Date: 1/25/13

Start Qty: 18.00

Required Qty: 18.00

Comments: IPP: A05.05.12New issueKJ/JLM
IPP Rev:B As per Rev B 06-03-24 JLM
IPP Rev:C Now on Waterjet 07-07-11 JLM

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|------------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M1010S16GA 1010/1025 sheet 16GA | | Purchased | No | | | 100 | sf | 268.3000 | 2.296 | 43.503158 | | 1813-1-17 | |

Location

Loc Qty

Loc Code

MAT019

268.3

124193

76.3

124254

192

124254

18

| | | |
|-------------------------------|---------------|-----------------------------|
| DART AEROSPACE LTD | | Work Order: 95666 |
| Description: Wearplate | | Part Number: D3315-3 |
| Inspection Dwg: D3315 | Rev: B | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

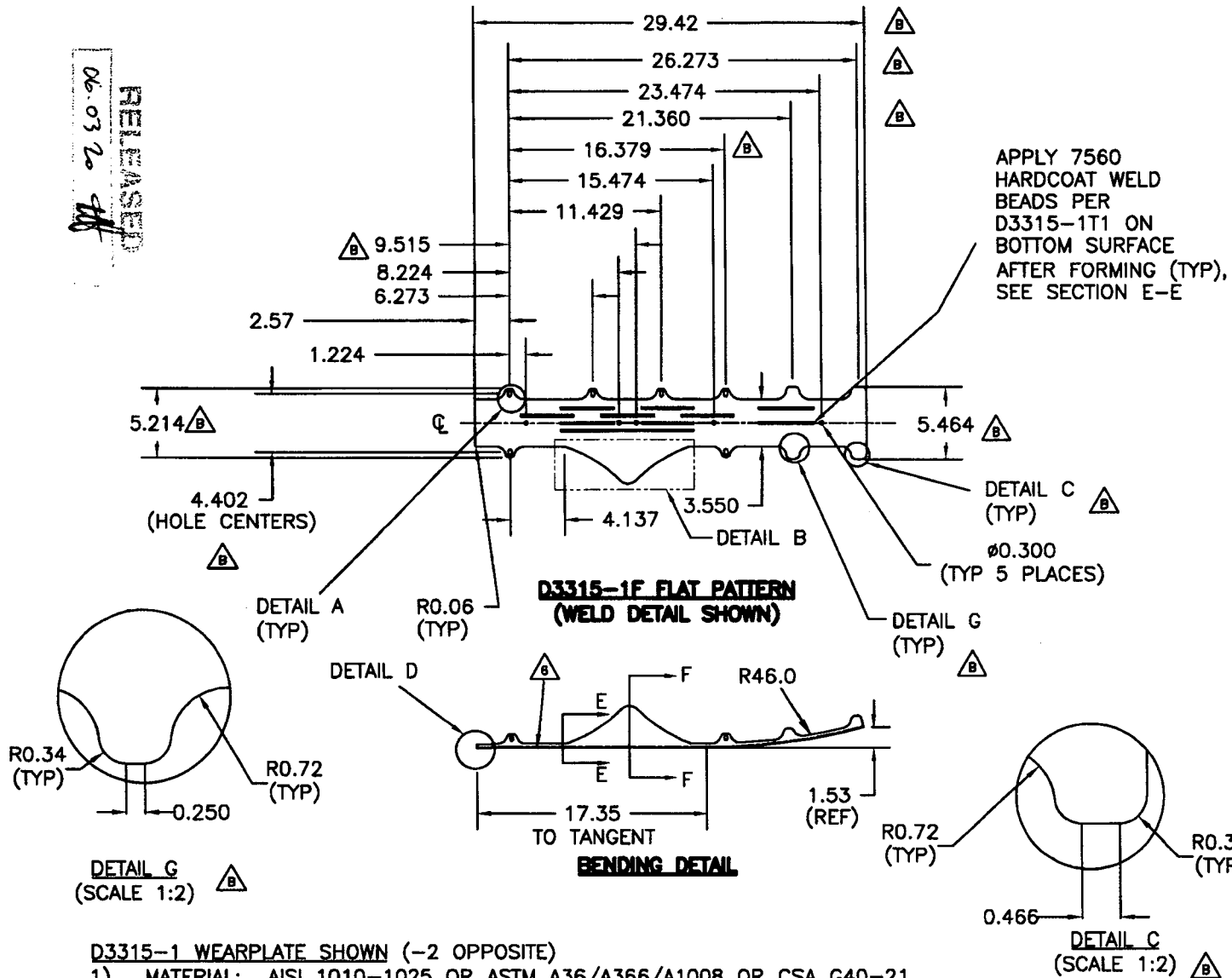
| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|---------------|------------------|--------|--------|----------------------|----------|
| 62.75 | +/-0.030 | 62.75 | 2 | | T BSL | |
| 58.094 | +/-0.010 | 58.094 | 1 | | T | |
| 51.368 | +/-0.010 | 51.368 | 2 | | T | |
| 44.531 | +/-0.010 | 44.531 | 1 | | T | |
| 37.719 | +/-0.010 | 37.719 | 2 | | T | |
| 30.375 | +/-0.010 | 30.375 | 2 | | T | |
| 24.188 | +/-0.010 | 24.188 | 2 | | T | |
| 18.875 | +/-0.010 | 18.875 | 2 | | T | |
| 17.375 | +/-0.010 | 17.375 | 2 | | T | |
| 10.594 | +/-0.010 | 10.594 | 2 | | T | |
| 5.375 | +/-0.010 | 5.377 | 2 | | T | |
| 0.875 | +/-0.010 | .875 | 2 | | V BSL | |
| 1.62 | +/-0.030 | 1.622 | 2 | | V | |
| 5.214 | +/-0.010 | 5.211 | 2 | | V | |
| 4.402 | +/-0.010 | 4.400 | 2 | | V | |
| 3.550 | +/-0.010 | 3.557 | 2 | | V | |
| Ø0.300 | +0.006/-0.001 | .300 | 2 | | V | |
| Ø0.266 x 0.450 | +/-0.010 | 265 x .450 | 2 | | V | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | |
|-----------------------|---------------------------|----------------------------|-----|
| Measured by: R | Audited by: DAS 15 | Prototype Approval: | N/A |
| Date: B-1-17 | Date: B-1-18 | Date: | N/A |

| | | | | |
|------------|-------------|---------------|-------------------|-----------------|
| Rev | Date | Change | Revised by | Approved |
| A | 08.01.22 | New Issue | KJ/EC/DD | |



| DESIGN | DRAWN BY | DART AEROSPACE LTD |
|----------|-----------|-----------------------------|
| 04 | 04 | HAWKESBURY, ONTARIO, CANADA |
| CHECKED | APPROVED | DRAWING NO. |
| | | D3315 |
| DATE | TITLE | REV. B |
| 06.01.31 | WEARPLATE | SHEET 1 OF 4 |
| A | 04.09.10 | NEW ISSUE |
| B | 06.01.31 | UPDATE DIMENSIONS |

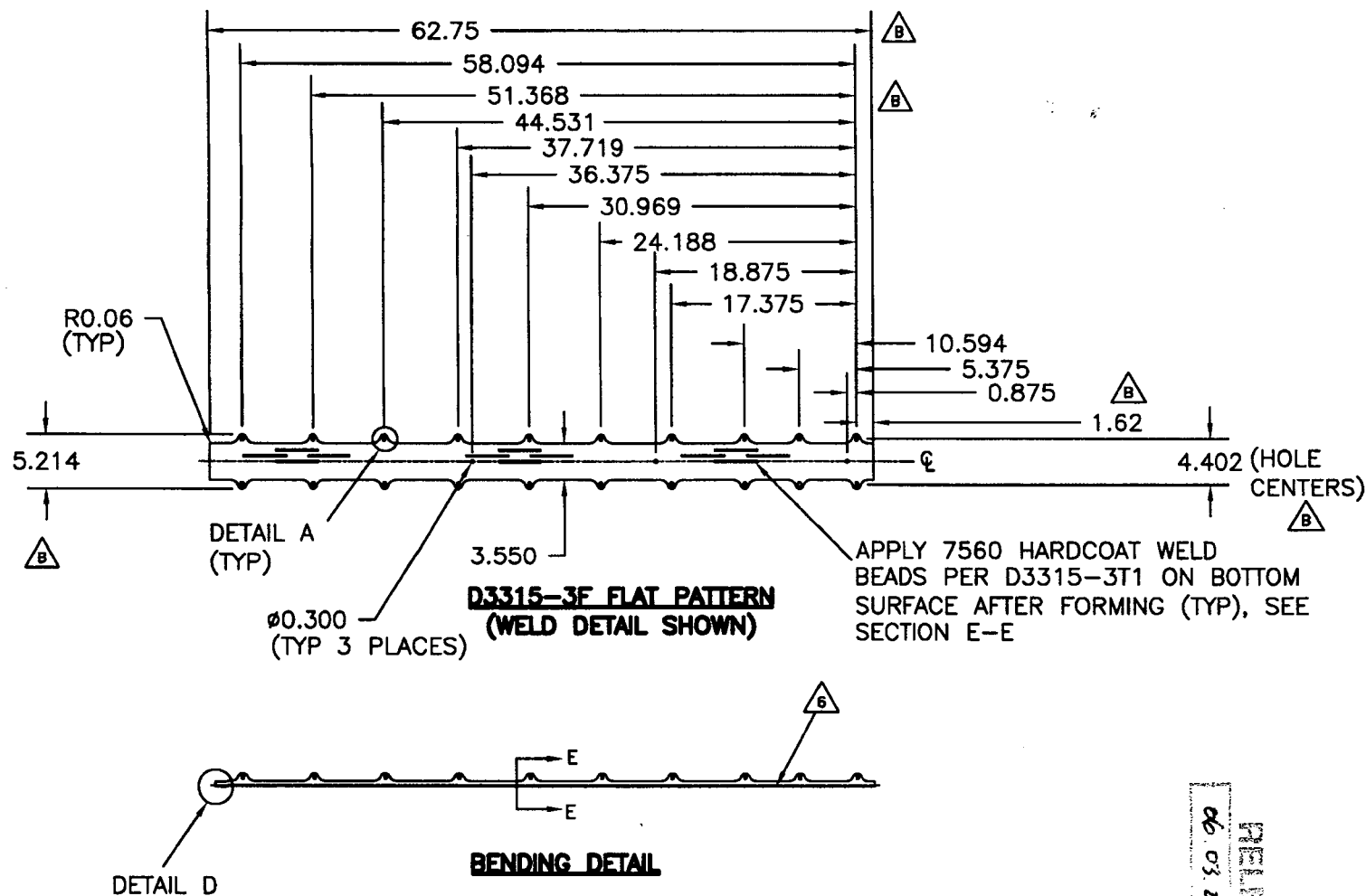


D3315-1 WEARPLATE SHOWN (-2 OPPOSITE)

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 16 GAUGE (0.060 THICK)
- 2) FINISH: POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3
- 3) WELD PER DART QSI 004
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) IDENTIFY ON INSIDE SURFACE AS INDICATED
"TCCA-PDA, DART AEROSPACE LTD., P/N D3315-X
B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-17"

RELEASED
06.03.20

DART



D3315-3 WEARPLATE SHOWN (-4 OPPOSITE)

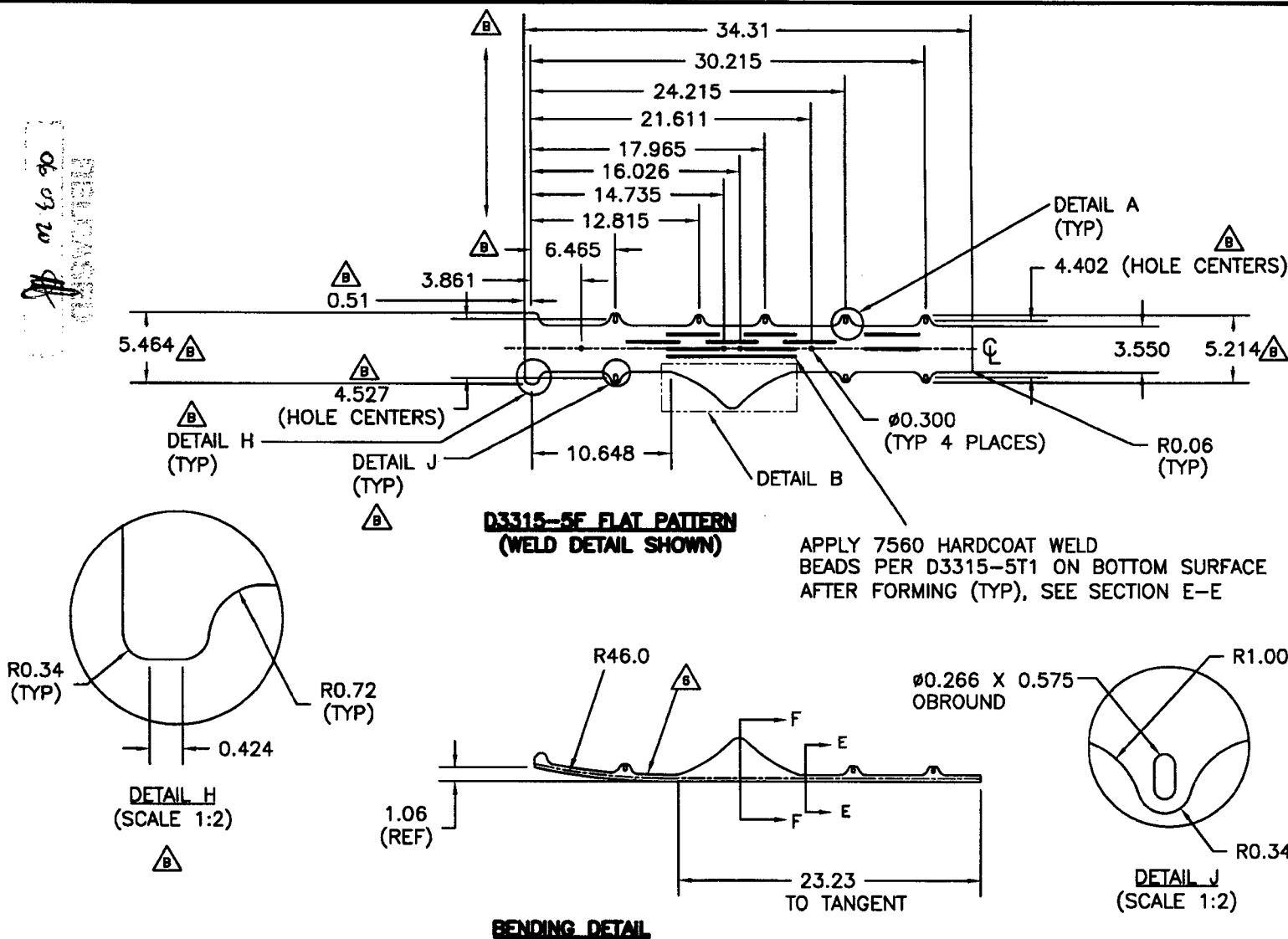
- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 16 GAUGE (0.060 THICK)
- 2) FINISH: POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3
- 3) WELD PER DART QSI 004
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) IDENTIFY ON INSIDE SURFACE AS INDICATED
"TCCA-PDA, DART AEROSPACE LTD., P/N D3315-X
B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-17"

| | | | | |
|---------|----------|-----------|-------|-----------------------------|
| DESIGN | 814 | DRAWN BY | 814 | DART AEROSPACE LTD |
| CHECKED | | APPROVED | | HAWKESBURY, ONTARIO, CANADA |
| DATE | 06.01.31 | TITLE | D3315 | REV. B |
| | | WEARPLATE | | SHEET 2 OF 4 |
| | | | | SCALE 1:16 |

RELEASED
26 03 20

DART

| | | | | |
|---------|----------|-----------|-------|---|
| DESIGN | 014 | DRAWN BY | 014 | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA |
| CHECKED | | APPROVED | | DRAWING NO. |
| DATE | 06.01.31 | TITLE | D3315 | SHEET 3 OF 4 |
| | | WEARPLATE | | SCALE 1:12 |



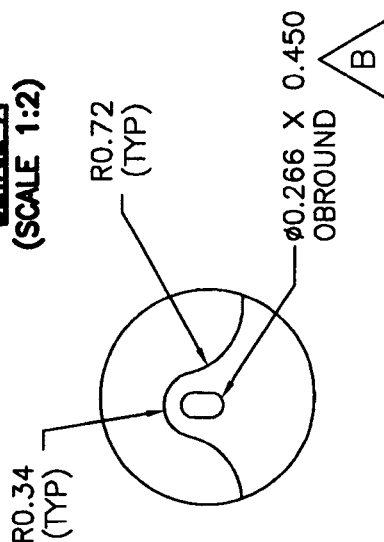
D3315-5 WEARPLATE SHOWN (-6 OPPOSITE)

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 16 GAUGE (0.060 THICK)
- 2) FINISH: POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3
- 3) WELD PER DART QSI 004
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSION ARE IN INCHES
- 6) IDENTIFY ON INSIDE SURFACE AS INDICATED
"TCCA-PDA, DART AEROSPACE LTD., P/N D3315-X
B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-17"

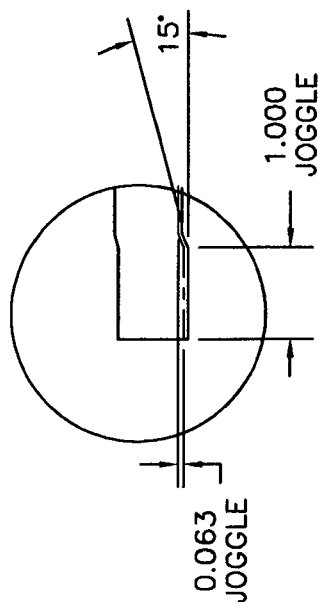


| | | | |
|-------------------------------|--------------------------------|---|------------------------|
| DESIGN <i>PH</i> | DRAWN BY <i>PH</i> | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED <i>[Signature]</i> | APPROVED <i>[Signature]</i> | DRAWING NO. D3315 | REV. B SHEET 4 OF 4 |
| DATE 06.01.31 | | TITLE WEARPLATE | SCALE NTS |

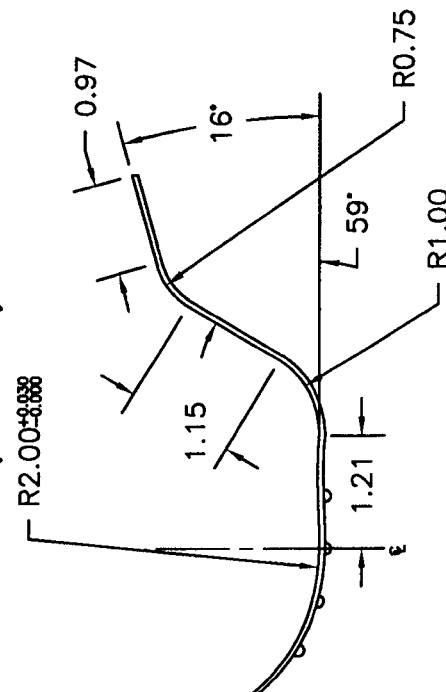
DETAIL A
(SCALE 1:2)



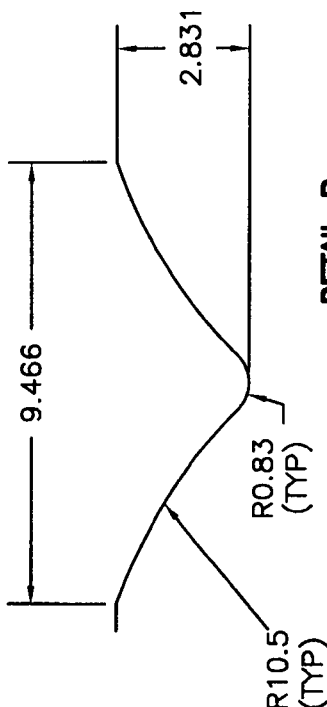
06.03.20 *[Signature]*



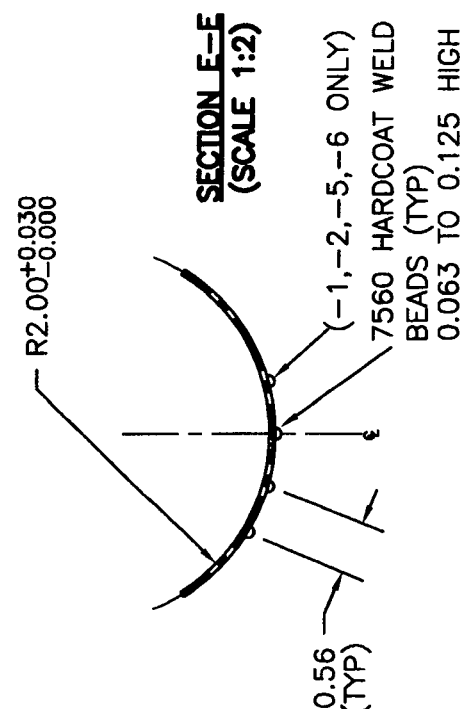
DETAIL D
(SCALE 1:2)



SECTION F-E
(SCALE 1:2)



DETAIL B
(SCALE 1:4)



SECTION E-E
(SCALE 1:2)

Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.